

libraries, etc., forty-three notices that their publications have been forwarded to the Academy, together with twenty-five applications for exchange of publications and asking for deficiencies.

Twenty-one letters on various subjects have been received and twenty-six written. Fifteen circulars and invitations to the Academy to participate in Congresses or meetings, and announcements of the deaths of scientific men have been received, and when necessary acknowledged.

During the year two correspondents have been elected and notified.

The deaths of the following correspondents have been reported :

Auguste Louis Brot, of Geneva, Switzerland; elected in 1887, died August 30, 1896.

Constantin von Ettingshausen, of Gratz, Austria; elected in 1859, died February 1, 1897.

Rev. Samuel Haughton, of Dublin, Ireland; elected in 1868, died November, 1897.

Johannes Japetus Smith Steenstrup, of Copenhagen, Denmark; elected in 1878, died June 20, 1897.

Seven hundred and three acknowledgements for gifts to the library, and one hundred and ten acknowledgements for gifts to the museum have been forwarded.

Respectfully submitted,

BENJ. SHARP,
Corresponding Secretary.

REPORT OF THE LIBRARIAN.

The total of additions made to the library of the Academy since the close of November, 1896, is 5,145. Of these 4,476 are pamphlets and parts of periodicals, 651 volumes, 15 maps and three photographs.

They have been received from the following sources:—

Societies,	2,252	U. S. Dept. of the Interior,	35
I. V. Williamson Fund,	1,244	Charles P. Perot,	28
Editors,	896	Wilson Fund,	20
Authors,	219	Purchased	19
Meigs Fund,	154	Chas. E. Smith,	14
U. S. Dept. of Agriculture,	57	H. A. Pilsbry,	14
Pennsylvania State Library,	46	U. S. Dept. of State,	13

Minister of Public Works, France,	11	Geological Survey of Iowa,	2
U. S. Dept. of Labor,	9	Mr. Wetherill,	2
Persifor Frazer	8	W. W. Jefferis,	2
Geological Survey of India,	7	W. E. Meehan,	2
Geological and Natural History Survey, Minn.,	7	Geological Survey of New York,	1
Bernard H. Steiner	7	Trustees of the Melbourne Exhibition,	1
Comité Geologique Russe,	6	Geological Survey of Por- tugal,	1
U. S. Treas. Department,	6	L. Voission,	1
Thomas Meehan,	5	Exposition International de Bruxelles,	1
Department of Mines, New South Wales,	5	Department of Mines, Nova Scotia,	1
U. S. Commission of Fish and Fisheries,	4	Angelo Heilprin,	1
Geological Survey of Mis- souri,	4	Charles G. Sower,	1
East Indian Government,	3	Congrès International des Pêches Maritimes,	1
Geological Surv. of Canada,	3	Benjamin Sharp,	1
Geological Survey of Ala- bama,	3	Samuel N. Rhoads,	1
Ohio State Library	3	Uselma C. Smith,	1
Clarence B. Moore	3	Mrs. Carvill Lewis,	1
Governor-General, Indes Néerlandaises	3	Wm. J. Fox,	1
P. P. Calvert	3	Henry C. McCook,	1
University of Kansas	3	Geological Survey of Rou- mania,	1
U. S. War Department,	2	Lewis Woolman,	1
Cal. State Mining Bureau,	2	Samuel G. Dixon,	1
Mass. Commission of In- land Fisheries, etc.	2	Geological Survey of Mary- land,	1
Norwegian Government	2	U. S. Fish Commission,	1
Congrès Géologique Inter- nationale,	2	Lord Crawford,	1
Bentham Trustees, Kew Gardens,	2	Adams Memorial Commit- tee,	1
Commision Geologica de Mexico	2	Committee on Botany, Pennsylvania Pharma- ceutical Association,	1
S. R. Roberts,	2	Emil Holub,	1
Government of Argentine Republic,	2	Lemecke & Buechner, New York,	1

These accessions were distributed to the several departments of the library, as follows:—

Journals,	4,302	Mineralogy,	18
Geology,	181	Physical Science,	17
Botany,	112	Ornithology,	13
General Natural History,	102	Helminthology,	10
Agriculture,	52	Medicine,	9
Entomology,	47	Bibliography,	7
Anthropology,	47	Chemistry,	5
Mammalogy,	31	Geography,	5
Conchology,	30	Encyclopedias,	4
Voyages and Travels,	30	Herpetology,	1
Ichthyology,	25	Miscellaneous,	74
Anatomy and Physiology,	23		

The slight falling off in receipts from the number reported last year is owing to the decrease of appropriations, made necessary by the large expenditures for 1896. To the same cause is due the comparatively small number of volumes bound, which amounts to only 270, a large part of these being credited to the special funds, thus farther curtailing the amount available for the purchase of books.

In the cases, secured by the removal last year of the stock of publications of the Academy to the basement, have been arranged the books on Physical Science and Anthropology, the latter section of the library being more than doubled by the large collection of valuable works included in the Meigs bequest. Extensive additions of case room are required in nearly every department of the library, the maintenance of the geographical arrangement of the journals and periodicals being increasingly difficult from year to year. The plan suggested in the last report of arranging journals devoted to special subjects in connection with the special departments of the library, does not seem to meet with the endorsement of those immediately concerned, so that no transfers have been made.

A portrait in oil of the late Professor Edward D. Cope by C. A. Worrall, has been procured by subscription and added to the gallery.

The Librarian improved the occasion of his attendance last July at the Second International Library Conference held in London, to inspect the scientific sections of a number of libraries there and elsewhere throughout the United Kingdom, with the result of being able to congratulate the Academy on the extent and convenience of

arrangement of its collection of books which in both respects compares favorably with those of much older establishments. In liberality of administration the Academy is especially deserving of recognition, as, apart from the fact that under the By-Laws the books must be consulted on the premises, it places on the reader none of the restrictions almost universally met with elsewhere.

It is increasingly apparent that the growth and arrangement of the library are seriously interfered with by lack of means. If it were not for the care taken to secure the largest possible return from exchange of publications, the other resources at the disposal of the Library Committee would be entirely inadequate, and the opportunity for advanced study in the Academy would be materially curtailed. This would be now more than ever the cause of serious regret, because the library was never so much resorted to by students of kindred institutions as it has been during the past year. Not only for such readers, but more especially for our own workers, it is essential that the latest scientific literature be placed promptly on our shelves and in such binding as to make it most convenient of access with the least wear and tear. To secure these ends at least double the income now at the disposal of the Library Committee will be required.

Acknowledgement is again due Mr. Wm. J. Fox for efficient service in the library, especially during the Librarian's absence in Europe.

All of which is respectfully submitted.

EDWARD J. NOLAN,
Librarian.

REPORT OF THE CURATORS.

The past year has been characterized by a greatly increased interest on the part of the general public in the Academy's Museum, owing to the better facilities for the exhibition of the collections afforded by the new museum building, the opening of which was recorded in our last report. New cases have been placed on the first and second floors of the new building, and much has been accomplished in perfecting the arrangement of the various collections.

The Curators are able to report the specimens at the present time in an excellent state of preservation, although the impossibility of the systematic arrangement and proper display of the collections